**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention METHODS OF GENETIC ANALYSIS the specification of which    is attached hereto or X was filed on September 15, 1999 as Application No. 09/396,196 and was amended on                      (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign applications(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

**Prior Foreign Application(s)**

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes <u>  </u> No <u>  </u>
			Yes <u>  </u> No <u>  </u>

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/100,678	September 17, 1998

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
		<u>  </u> Patented <u>  </u> Pending <u>  </u> Abandoned
		<u>  </u> Patented <u>  </u> Pending <u>  </u> Abandoned

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Vern Norviel, Reg. No. 32,483  
Philip L. McGarrigle, Reg. No. 31,395  
Rosemarie Celli, Reg. No. 42,397  
Wei Zhou, Reg. No. 44,419  
Ellen Gonzales, Reg. No. 44,128  
Joe Liebeschuetz, Reg. No. 37,505  
William M. Smith, Reg. No. 30,223

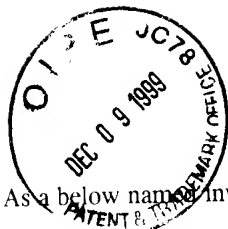
Send Correspondence to: <b>Chief Patent Counsel</b> <b>AFFYMETRIX, INC.</b> <b>3380 Central Expressway</b> <b>Santa Clara, CA 95051</b>	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) <b>Name: Ellen Gonzales</b> <b>Reg. No.: 44,128</b> <b>Telephone: (408) 731-5557</b>
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Full Name of Inventor 1	Last Name <b>MITTMAN</b>	First Name <b>MICHAEL</b>	Middle Name or Initial	
Residence & Citizenship	City <b>PALO ALTO</b>	State/Foreign Country <b>CA</b>	Country of Citizenship <b>US</b>	
Post Office Address	Post Office Address <b>2377 St. Francis Drive</b>	City <b>Palo Alto</b>	State/Country <b>CA</b>	Zip Code <b>94303</b>
Full Name of Inventor 2	Last Name <b>MACK</b>	First Name <b>DAVID</b>	Middle Name or Initial <b>J.</b>	
Residence & Citizenship	City <b>MENLO PARK</b>	State/Foreign Country <b>CA</b>	Country of Citizenship <b>US</b>	
Post Office Address	Post Office Address <b>2076 Monterey Avenue</b>	City <b>Menlo Park</b>	State/Country <b>CA</b>	Zip Code <b>94025</b>
Full Name of Inventor 3	Last Name <b>LOCKHART</b>	First Name <b>DAVID</b>	Middle Name or Initial <b>J.</b>	
Residence & Citizenship	City <b>DEL MAR</b>	State/Foreign Country <b>CA</b>	Country of Citizenship <b>US</b>	
Post Office Address	Post Office Address <b>510 Torrey Point Road</b>	City <b>Del Mar</b>	State/Country <b>CA</b>	Zip Code <b>92014</b>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
<b>Michael Mittman</b>	<b>David H. Mack</b>	<i>David J. Lockhart</i> <b>David J. Lockhart</b>
Date	Date	Date 11/11/99

DP.WP 8/96



Attorney Docket No. 3101.1

## DECLARATION AND POWER OF ATTORNEY

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### Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes <u>  </u> No <u>  </u>
			Yes <u>  </u> No <u>  </u>

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Application No.	Filing Date
60/100,678	September 17, 1998

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Send Correspondence to: <b>Chief Patent Counsel</b> <b>AFFYMETRIX, INC.</b> <b>3380 Central Expressway</b> <b>Santa Clara, CA 95051</b>	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) <b>Name: Ellen Gonzales</b> <b>Reg. No.: 44,128</b> <b>Telephone: (408) 731-5557</b>
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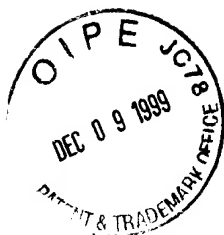
Full Name of Inventor 1	Last Name <b>MITTMANN</b>	First Name <b>MICHAEL</b>	Middle Name or Initial	
Residence & Citizenship	City <b>PALO ALTO</b>	State/Foreign Country <b>CA</b>	Country of Citizenship <b>US</b>	
Post Office Address	Post Office Address <b>2377 St. Francis Drive</b>	City <b>Palo Alto</b>	State/Country <b>CA</b>	Zip Code <b>94303</b>
Full Name of Inventor 2	Last Name <b>MACK</b>	First Name <b>DAVID</b>	Middle Name or Initial <b>J.</b>	
Residence & Citizenship	City <b>MENLO PARK</b>	State/Foreign Country <b>CA</b>	Country of Citizenship <b>US</b>	
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Full Name of Inventor 3	Last Name <b>LOCKHART</b>	First Name <b>DAVID</b>	Middle Name or Initial <b>J.</b>	
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Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
<b>Michael Mittmann</b>	<b>David H. Mack</b>	<b>David J. Lockhart</b>
Date 	Date	Date

DP WP 8/96

November 10/1999



Attorney Docket No. 3101.1

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			Yes <u>  </u> No <u>  </u>

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Application No.	Filing Date
60/100,678	September 17, 1998

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Wei Zhou, Reg. No. 44,419  
Ellen Gonzales, Reg. No. 44,128  
Joe Liebeschuetz, Reg. No. 37,505  
William M. Smith, Reg. No. 30,223

Send Correspondence to: Chief Patent Counsel <b>AFFYMETRIX, INC.</b> 3380 Central Expressway Santa Clara, CA 95051	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: <b>Ellen Gonzales</b> Reg. No.: <b>44,128</b> Telephone: <b>(408) 731-5557</b>
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Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Michael Mittman	 David H. Mack	David J. Lockhart
Date	Date 11/16/99	Date

DP WP 8-96